

ABSTRACT

The present invention relates to hair care compositions comprising an oxidizing agent and chelants having a $\frac{\log K_{CuL}}{\log K_{CaL}}$ ratio calculated at pH 10 of at least 3.20 wherein $\log K_{CuL}$ is the common logarithm of the Conditional Stability Constant of said chelant with Cu^{2+} and $\log K_{CaL}$ is the common logarithm of the Conditional Stability Constant of said chelant with Ca^{2+} . Suitable chelants are diamine-N,N'-dipolyacids or monoamine monoamide-N,N'-dipolyacids. The compositions according to the present invention contribute to reducing the oxidative damage sustained by a keratinous fiber such as hair during bleaching, dyeing, perming or other oxidative treatments. Especially preferred diamine dipolyacid is ethylenediamine-N,N'-disuccinic acid (EDDS).